

PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/790,927

Filing Date

03/02/2004

First Named Inventor

JHA, et al

Art Unit

1724

Examiner Name

TBA

Attorney Docket Number

106619.140US3 (MOTT-4DV2)

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
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Terminal Disclaimer



Request for Refund



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Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):

- Postcard

Remarks

1. PTO Form 1449 (2 pgs.)

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Wilmer Cutler Pickering Hale and Dorr LLP

Signature

Printed name

Michael A. Diener

Date

10-20-04

Reg. No.

37,122

**CERTIFICATE OF TRANSMISSION/MAILING**

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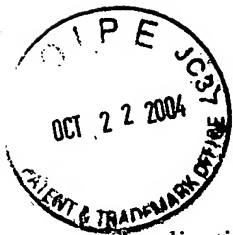
Tina M. Dougal

Date

10-20-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: JHA, et al.

Application No.: 10/790,927

Filed: March 2, 2004

For: **Composite Porous Media**

Group Art Unit: 1724

Examiner: To Be Assigned

Attorney Docket No.: 106691.140  
MOTT-4DV2

CERTIFICATE OF MAILING (37 C.F.R. § 1.8 a)

I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR 1.8a and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 20, 2004.

By: \_\_\_\_\_

*Tina M. Dougal*  
Tina M. Dougal

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97-98, and M.P.E.P. §609, Applicants hereby enclose Forms PTO-1449 that includes publications that have previously been cited in a prior patent applications, Serial Nos. 09/704,957 filed May 8, 1998 (now U.S. Patent No. 6,080,219) and 09/578,118 filed May 24, 2000 (now U.S. Patent No. 6,719,947) from which the above application claims priority under 35 U.S.C. §120. Pursuant to 37 C.F.R. § 1.98(d), with the exception the following publications identified below, no further copies of the previously cited art are enclosed.

Enclosed Publications:

U.S. Patent No. 6,080,219

U.S. Patent No. 6,719,947

European Patent No. 0 803 023 A2

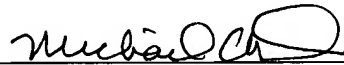
It is respectfully requested that the information above be expressly considered and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

It is applicants' belief that this Information Disclosure Statement is being filed prior to the issuance of a first Office Action on the merits and therefore no fee is believed to be due pursuant to 37 C.F.R. § 1.97(b)(3).

In the event a fee is due, the Commissioner is authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

Respectfully submitted,

Dated: October 20, 2004



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Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
106619.140US3  
MOTT—4DV2

10/790,927

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant  
JHA, Sunil C., et al.Filing Date  
March 2, 2004Group Art Unit  
1724

(37 CFR §1.53(b))

**U.S. PATENTS**

Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	3,874,899	04/1975	Miszenti et al	55	523	
	4,039,703	08/1977	Kamijo et al			
	4,186,100	01/1980	Mott	210	496	
	4,283,465	08/1981	Morimoto et al	419	2	
	4,569,821	02/1986	Duperray et al	419	2	
	4,613,369	09/1986	Koekler	419	2	
	4,746,341	05/1988	Komoda	55	487	
	4,888,114	12/1989	Gaddis et al	55	523	
	4,976,760	12/1990	Helferich et al	55	487	
	5,089,134	02/1992	Ando et al	55	487	
	5,114,447	05/1992	Davis	55	485	
	5,236,151	08/1993	Hagle et al	244	117	
	5,279,737	01/1994	Sekhar et al	210	496	
	5,364,586	11/1994	Trusov et al	419	2	
	5,449,654	09/1995	Prin et al	55	523	
	5,486,220	01/1996	Honda et al	55	523	
	5,487,771	01/1996	Zeller	55	523	
	5,613,188	03/1997	Piech et al	428	547	
	5,824,220	10/1998	Grangeon et al	55	487	
	5,839,049	11/1998	Ettel et al.	419	2	
	5,881,353	03/1999	Kamigata et al	419	2	
	6,080,219	06/2000	Jha et al	55	486	
	6,719,947	04/2004	Jha et al	419	8	

**FOREIGN PATENTS**

Examiner Initial	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
						Yes	No
	0 803 923	10/29/97	EP				

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 106619.140US3 MOTT—4DV2	10/790,927
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant JHA, Sunil C., et al.	
		Filing Date March 2, 2004	Group Art Unit 1724
(37 CFR §1.98(b))			

Examiner Initial	OTHER DOCUMENTS
A1	"Advanced Aerogel Materials for the In-Situ Capture of Gaseous Pollutants," Mat. Tech. 9(1/2):1-11, pp. 1066-7857 (1994)
A2	Ahmed, et al "Aerogel Materials for Photocatalytic Detoxification of Cyanide Wastes in Water," Journal of Non-Crystalline Solids, Vol. 186, pp. 402-407 (1995)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	